

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005886**Date Inspected:** 14-Feb-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai,China**CWI Name:** Li Zhi Jiang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Chandrakumar.S was present during the time noted above for observations relative to the work being performed.

BAY # 2

This QA inspector performed MT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as Floor Beam.The weld designations reviewed are as follows:

FB089-001-Side A& B – Green Tag No-004299 (A-10,15,21,22,27/ B-28,29,11)

FB083-001-Side A& B – Green Tag No-004298. (A-9,14,18,20/B-4,16,17)

FB086-001-Side B. (21,22,34,9) Side A done by B63 on 10-23-08.-Green Tag no-004297.

FB088-001-Side A. (11,12,35,16) Side B done by B91 on 09-06-08.-Green Tag no-004300.

EP182A – 001-OBG Edge Plate- (1,2,3,5) Green Tag no-003582.

BAY#2

@On going FCAW Welding of Weld Joint 1G-12,1F-1,2,3 & 3F-7,8,9 Located on LD012-010 Welder no identified as 062708 and The welding variables recorded by QC ZMPC to comply with the WPS-B-T-2132-3 , WPS-B-T-2133 and WPS-B-T-2231-TC-P4-F.

@On going Heat Straightening of following weld joint surveillanced FB024-009-101.

BAY#3

WELDING INSPECTION REPORT

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@On going FCAW and SAW Welding of Weld Joint 1G-006 Located on CB204F-001 Welder no indentified as 044830,050502 and The welding variables recorded by QC ZMPC to comply with the WPS-B-T-2231-B-U2-T-1 & WPS-B-T-2221-B-L2C-S-2 .

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
